Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
Data File : BF080380.D
Acq On : 7 Jul 2015 19:29
Operator : TP/UM
Sample : G2906-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

Manual Integrations APPROVED
apatel
7/8/2015 4:27:01 PM

Quant Time: Jul 08 02:25:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 03:05:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	36948	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	139944	20.00	ng		0.00
38) Acenaphthene-d10	10.29	164	68658	20.00	ng		0.00
63) Phenanthrene-d10	11.79	188	145812	20.00	ng		0.00
75) Chrysene-d12	14.73	240	154324	20.00	ng		-0.01
86) Perylene-d12	16.58	264	145736	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	305644	151.50	ng		0.00
7) Phenol-d6	6.84	99	404685	151.33	ng		0.01
23) Nitrobenzene-d5	7.79	82	233585	97.35	ng		0.00
41) 2,4,6-Tribromophenol	11.08	330	104486	145.44	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	436068	85.71	ng		0.00
78) Terphenyl-d14	13.46	244	516885	78.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	35150	36.90	ng		92
3) Pyridine	3.87	79	100337	41.39	ng		97
4) n-Nitrosodimethylamine	3.78	42	48990	43.01	ng		95
6) Aniline	6.89	93	101503	27.41	ng		99
8) 2-Chlorophenol	7.01	128	106937	45.73	ng		99
9) Benzaldehyde	6.77	77	56546	38.02	ng		98
10) Phenol	6.85	94	139588	48.14	ng		95
11) bis(2-Chloroethyl)ether	6.94	93	97273	44.47	ng		98
12) 1,3-Dichlorobenzene	7.17	146	121208	42.22	ng		99
13) 1,4-Dichlorobenzene	7.24	146	112843m	42.09	ng		
14) 1,2-Dichlorobenzene	7.40	146	119330	43.98	ng		98
15) Benzyl Alcohol	7.36	79	95491	46.13	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.49	45	154562	43.70	ng		99
17) 2-Methylphenol	7.47	107	80512	44.42	ng		97
18) Hexachloroethane	7.74	117	36285	42.12	ng	#	63
19) n-Nitroso-di-n-propylamine	7.62	70	72162	41.59	ng	#	79
20) 3+4-Methylphenols	7.62	107	115189	45.59	ng		96
22) Acetophenone	7.63	105	154386	47.82	ng	#	97
24) Nitrobenzene	7.80	77	110825	45.98	ng		98
25) Isophorone	8.04	82	212739	46.07	ng		99
26) 2-Nitrophenol	8.13	139	47476	45.52	ng		97
27) 2,4-Dimethylphenol	8.16	122	97191	47.36	ng		98
28) bis(2-Chloroethoxy)methane	8.25	93	135593	47.27	ng		99
29) 2,4-Dichlorophenol	8.37	162	88726	48.70	ng		97
30) 1,2,4-Trichlorobenzene	8.46	180	92683	42.80	ng		97
31) Naphthalene	8.54	128	311509	43.40	ng		100
32) Benzoic acid	8.20	122	18541	22.38	ng		91
33) 4-Chloroaniline	8.58	127	78732m	27.52	ng		
34) Hexachlorobutadiene	8.66	225	55910	42.44	ng		98
35) Caprolactam	8.91	113	24489	43.52	ng	#	84
36) 4-Chloro-3-methylphenol	9.06	107	83915	44.64	ng	#	69
37) 2-Methylnaphthalene	9.23	142	197045	43.06	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	91092	41.86	ng		98
40) Hexachlorocyclopentadiene	9.39	237	63148	70.71	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	60986	42.55	ng		97
43) 2,4,5-Trichlorophenol	9.55	196	74210	44.42	ng		99
45) 1,1'-Biphenyl	9.70	154	273745	44.92	ng		99
46) 2-Chloronaphthalene	9.73	162	191228	41.15	ng		99
47) 2-Nitroaniline	9.81	65	62450	48.03	ng		99
48) Acenaphthylene	10.14	152	309199	39.98	ng		99
49) Dimethylphthalate	9.98	163	343041	62.23	ng		100
50) 2,6-Dinitrotoluene	10.05	165	51195	44.42	ng		97
51) Acenaphthene	10.33	154	188070	40.62	ng		99
52) 3-Nitroaniline	10.22	138	46587	35.87	ng		98
53) 2,4-Dinitrophenol	10.34	184	15512	35.63	ng		91
54) Dibenzofuran	10.50	168	277544	42.16	ng		99
55) 4-Nitrophenol	10.37	139	90561	95.14	ng		87
56) 2,4-Dinitrotoluene	10.46	165	67216	45.35	ng		97
57) Fluorene	10.84	166	241136	42.54	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.61	232	57318	42.83	ng		98
59) Diethylphthalate	10.69	149	244904	44.48	ng		99
60) 4-Chlorophenyl-phenylether	10.83	204	105113	41.90	ng		99
61) 4-Nitroaniline	10.84	138	53945	42.79	ng		99
62) Azobenzene	10.99	77	218113	41.70	ng		98
64) 4,6-Dinitro-2-methylphenol	10.88	198	26761	33.35	ng		99
65) n-Nitrosodiphenylamine	10.94	169	193426	41.65	ng		99
66) 4-Bromophenyl-phenylether	11.32	248	70552	42.24	ng		93
67) Hexachlorobenzene	11.40	284	71748	40.95	ng		97
68) Atrazine	11.46	200	66793	48.31	ng		99
69) Pentachlorophenol	11.58	266	64443	74.38	ng		95
70) Phenanthrene	11.81	178	360746	41.25	ng		99
71) Anthracene	11.87	178	343723	40.08	ng		99
72) Carbazole	12.02	167	343330	42.93	ng		99
73) Di-n-butylphthalate	12.35	149	354822	38.78	ng	#	97
74) Fluoranthene	13.06	202	387373	41.22	ng		98
76) Benzidine	13.17	184	176789	45.16	ng		98
77) Pyrene	13.31	202	393152	42.12	ng		100
79) Butylbenzylphthalate	14.01	149	169798	45.59	ng		93
80) Benzo(a)anthracene	14.72	228	386565	41.56	ng		99
81) 3,3'-Dichlorobenzidine	14.66	252	115163	37.34	ng	#	98
82) Chrysene	14.76	228	355028	40.80	ng		99
83) Bis(2-ethylhexyl)phthalate	14.69	149	254447	44.82	ng	#	98
84) Di-n-octyl phthalate	15.51	149	430580	45.91	ng		99
85) Indeno(1,2,3-cd)pyrene	18.36	276	404730	39.55	ng		98
87) Benzo(b)fluoranthene	16.07	252	354012m	38.65	ng		
88) Benzo(k)fluoranthene	16.10	252	365486	42.16	ng	#	97
89) Benzo(a)pyrene	16.50	252	351719	41.99	ng	#	97
90) Dibenzo(a,h)anthracene	18.37	278	343878	41.69	ng		99
91) Benzo(g,h,i)perylene	18.89	276	341207	40.79	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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